

Release notes for ENDF/B Development n-043_Tc_099
evaluation

ENDF
B-VII.dev

April 26, 2017

- checkr Warnings:

1. A previous error halted parsing of the current section
MAT=4325, MF= 1, MT=451 (1): Parsing stopped

```
ERROR(S) FOUND IN MAT=4325, MF= 1, MT=451
SECTION CANNOT BE CHECKED FROM SEQUENCE NUMBER 274 TO 492
```

- checkr Errors:

1. A variable is outside the allowed ENDF range
MAT=4325, MF= 1, MT=451 (0): Variable range

```
ERROR(S) FOUND IN MAT=4325, MF= 1, MT=451
MOD = 1 OUT OF RANGE 0 - 0 RECORD NUMBER 274
```

2. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 2, MT=151 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=4325, MF= 2, MT=151
SECTION 2/151 NOT IN DIRECTORY RECORD NUMBER 494
```

3. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 1 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 1
SECTION 3/ 1 NOT IN DIRECTORY RECORD NUMBER 1451
```

4. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 2 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 2
SECTION 3/ 2 NOT IN DIRECTORY RECORD NUMBER 1469
```

5. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 4 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 4
SECTION 3/ 4 NOT IN DIRECTORY RECORD NUMBER 1510
```

6. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 16 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 16
SECTION 3/ 16 NOT IN DIRECTORY RECORD NUMBER 1544
```

7. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 17 (0): Directory (b)

- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 17 | |
| SECTION 3/ 17 NOT IN DIRECTORY | RECORD NUMBER 1555 |
8. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 22 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 22 | |
| SECTION 3/ 22 NOT IN DIRECTORY | RECORD NUMBER 1562 |
9. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 24 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 24 | |
| SECTION 3/ 24 NOT IN DIRECTORY | RECORD NUMBER 1575 |
10. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 28 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 28 | |
| SECTION 3/ 28 NOT IN DIRECTORY | RECORD NUMBER 1582 |
11. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 41 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 41 | |
| SECTION 3/ 41 NOT IN DIRECTORY | RECORD NUMBER 1593 |
12. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 51 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 51 | |
| SECTION 3/ 51 NOT IN DIRECTORY | RECORD NUMBER 1600 |
13. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 52 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 52 | |
| SECTION 3/ 52 NOT IN DIRECTORY | RECORD NUMBER 1624 |
14. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 53 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 53 | |
| SECTION 3/ 53 NOT IN DIRECTORY | RECORD NUMBER 1649 |
15. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 54 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 54 | RECORD NUMBER | 1673 |
| SECTION 3/ 54 NOT IN DIRECTORY | | |
16. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 55 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 55 | RECORD NUMBER | 1695 |
| SECTION 3/ 55 NOT IN DIRECTORY | | |
17. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 56 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 56 | RECORD NUMBER | 1717 |
| SECTION 3/ 56 NOT IN DIRECTORY | | |
18. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 57 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 57 | RECORD NUMBER | 1738 |
| SECTION 3/ 57 NOT IN DIRECTORY | | |
19. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 58 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 58 | RECORD NUMBER | 1759 |
| SECTION 3/ 58 NOT IN DIRECTORY | | |
20. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 59 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 59 | RECORD NUMBER | 1780 |
| SECTION 3/ 59 NOT IN DIRECTORY | | |
21. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 60 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 60 | RECORD NUMBER | 1801 |
| SECTION 3/ 60 NOT IN DIRECTORY | | |
22. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 61 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 61 | RECORD NUMBER | 1822 |
| SECTION 3/ 61 NOT IN DIRECTORY | | |
23. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 62 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 62 | RECORD NUMBER | 1843 |
| SECTION 3/ 62 NOT IN DIRECTORY | | |
24. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 63 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 63 | RECORD NUMBER | 1864 |
| SECTION 3/ 63 NOT IN DIRECTORY | | |
25. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 64 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 64 | RECORD NUMBER | 1884 |
| SECTION 3/ 64 NOT IN DIRECTORY | | |
26. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 65 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 65 | RECORD NUMBER | 1905 |
| SECTION 3/ 65 NOT IN DIRECTORY | | |
27. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 66 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 66 | RECORD NUMBER | 1925 |
| SECTION 3/ 66 NOT IN DIRECTORY | | |
28. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 67 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 67 | RECORD NUMBER | 1944 |
| SECTION 3/ 67 NOT IN DIRECTORY | | |
29. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 68 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 68 | RECORD NUMBER | 1963 |
| SECTION 3/ 68 NOT IN DIRECTORY | | |
30. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 69 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 69 | RECORD NUMBER | 1981 |
| SECTION 3/ 69 NOT IN DIRECTORY | | |
31. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 70 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 70 | RECORD NUMBER | 1999 |
| SECTION 3/ 70 NOT IN DIRECTORY | | |
32. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 71 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 71 | RECORD NUMBER | 2018 |
| SECTION 3/ 71 NOT IN DIRECTORY | | |
33. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 72 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 72 | RECORD NUMBER | 2037 |
| SECTION 3/ 72 NOT IN DIRECTORY | | |
34. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 73 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 73 | RECORD NUMBER | 2055 |
| SECTION 3/ 73 NOT IN DIRECTORY | | |
35. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 74 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 74 | RECORD NUMBER | 2074 |
| SECTION 3/ 74 NOT IN DIRECTORY | | |
36. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 75 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 75 | RECORD NUMBER | 2092 |
| SECTION 3/ 75 NOT IN DIRECTORY | | |
37. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 76 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 76 | RECORD NUMBER | 2111 |
| SECTION 3/ 76 NOT IN DIRECTORY | | |
38. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 77 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 77 | RECORD NUMBER | 2129 |
| SECTION 3/ 77 NOT IN DIRECTORY | | |
39. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT= 91 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT= 91 | RECORD NUMBER | 2147 |
| SECTION 3/ 91 NOT IN DIRECTORY | | |
40. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT=102 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT=102 | RECORD NUMBER | 2168 |
| SECTION 3/102 NOT IN DIRECTORY | | |
41. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT=103 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT=103 | RECORD NUMBER | 2194 |
| SECTION 3/103 NOT IN DIRECTORY | | |
42. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT=107 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT=107 | RECORD NUMBER | 2215 |
| SECTION 3/107 NOT IN DIRECTORY | | |
43. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT=600 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT=600 | RECORD NUMBER | 2240 |
| SECTION 3/600 NOT IN DIRECTORY | | |
44. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT=601 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT=601 | RECORD NUMBER | 2258 |
| SECTION 3/601 NOT IN DIRECTORY | | |
45. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT=602 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT=602 | RECORD NUMBER | 2276 |
| SECTION 3/602 NOT IN DIRECTORY | | |
46. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT=603 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT=603 | RECORD NUMBER | 2293 |
| SECTION 3/603 NOT IN DIRECTORY | | |
47. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT=604 (0): Directory (b)

- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 3, MT=604 | |
| | SECTION 3/604 NOT IN DIRECTORY | RECORD NUMBER 2310 |
48. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT=605 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 3, MT=605 | |
| | SECTION 3/605 NOT IN DIRECTORY | RECORD NUMBER 2327 |
49. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT=606 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 3, MT=606 | |
| | SECTION 3/606 NOT IN DIRECTORY | RECORD NUMBER 2344 |
50. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT=607 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 3, MT=607 | |
| | SECTION 3/607 NOT IN DIRECTORY | RECORD NUMBER 2360 |
51. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT=608 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 3, MT=608 | |
| | SECTION 3/608 NOT IN DIRECTORY | RECORD NUMBER 2377 |
52. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT=609 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 3, MT=609 | |
| | SECTION 3/609 NOT IN DIRECTORY | RECORD NUMBER 2394 |
53. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT=649 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 3, MT=649 | |
| | SECTION 3/649 NOT IN DIRECTORY | RECORD NUMBER 2411 |
54. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT=800 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 3, MT=800 | |
| | SECTION 3/800 NOT IN DIRECTORY | RECORD NUMBER 2427 |
55. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT=801 (0): Directory (b)

- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT=801 | |
| SECTION 3/801 NOT IN DIRECTORY | RECORD NUMBER 2452 |
56. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT=802 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT=802 | |
| SECTION 3/802 NOT IN DIRECTORY | RECORD NUMBER 2476 |
57. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT=803 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT=803 | |
| SECTION 3/803 NOT IN DIRECTORY | RECORD NUMBER 2500 |
58. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT=804 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT=804 | |
| SECTION 3/804 NOT IN DIRECTORY | RECORD NUMBER 2523 |
59. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT=805 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT=805 | |
| SECTION 3/805 NOT IN DIRECTORY | RECORD NUMBER 2546 |
60. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT=806 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT=806 | |
| SECTION 3/806 NOT IN DIRECTORY | RECORD NUMBER 2567 |
61. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT=807 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT=807 | |
| SECTION 3/807 NOT IN DIRECTORY | RECORD NUMBER 2587 |
62. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT=808 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT=808 | |
| SECTION 3/808 NOT IN DIRECTORY | RECORD NUMBER 2607 |
63. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT=809 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT=809 | RECORD NUMBER | 2626 |
| SECTION 3/809 NOT IN DIRECTORY | | |
64. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 3, MT=849 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 3, MT=849 | RECORD NUMBER | 2645 |
| SECTION 3/849 NOT IN DIRECTORY | | |
65. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 2 (0): Directory (b)
- | | | |
|--|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 2 | RECORD NUMBER | 2665 |
| SECTION 4/ 2 NOT IN DIRECTORY | | |
66. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 51 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 51 | RECORD NUMBER | 2879 |
| SECTION 4/ 51 NOT IN DIRECTORY | | |
67. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 52 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 52 | RECORD NUMBER | 3049 |
| SECTION 4/ 52 NOT IN DIRECTORY | | |
68. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 53 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 53 | RECORD NUMBER | 3219 |
| SECTION 4/ 53 NOT IN DIRECTORY | | |
69. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 54 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 54 | RECORD NUMBER | 3412 |
| SECTION 4/ 54 NOT IN DIRECTORY | | |
70. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 55 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 55 | RECORD NUMBER | 3525 |
| SECTION 4/ 55 NOT IN DIRECTORY | | |
71. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 56 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 56 | RECORD NUMBER | 3734 |
| SECTION 4/ 56 NOT IN DIRECTORY | | |
72. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 57 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 57 | RECORD NUMBER | 3935 |
| SECTION 4/ 57 NOT IN DIRECTORY | | |
73. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 58 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 58 | RECORD NUMBER | 4114 |
| SECTION 4/ 58 NOT IN DIRECTORY | | |
74. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 59 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 59 | RECORD NUMBER | 4282 |
| SECTION 4/ 59 NOT IN DIRECTORY | | |
75. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 60 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 60 | RECORD NUMBER | 4459 |
| SECTION 4/ 60 NOT IN DIRECTORY | | |
76. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 61 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 61 | RECORD NUMBER | 4566 |
| SECTION 4/ 61 NOT IN DIRECTORY | | |
77. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 62 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 62 | RECORD NUMBER | 4732 |
| SECTION 4/ 62 NOT IN DIRECTORY | | |
78. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 63 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 63 | RECORD NUMBER | 4897 |
| SECTION 4/ 63 NOT IN DIRECTORY | | |
79. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 64 (0): Directory (b)

- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 64 | |
| SECTION 4/ 64 NOT IN DIRECTORY | RECORD NUMBER 5102 |
80. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 65 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 65 | |
| SECTION 4/ 65 NOT IN DIRECTORY | RECORD NUMBER 5307 |
81. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 66 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 66 | |
| SECTION 4/ 66 NOT IN DIRECTORY | RECORD NUMBER 5404 |
82. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 67 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 67 | |
| SECTION 4/ 67 NOT IN DIRECTORY | RECORD NUMBER 5599 |
83. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 68 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 68 | |
| SECTION 4/ 68 NOT IN DIRECTORY | RECORD NUMBER 5812 |
84. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 69 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 69 | |
| SECTION 4/ 69 NOT IN DIRECTORY | RECORD NUMBER 6025 |
85. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 70 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 70 | |
| SECTION 4/ 70 NOT IN DIRECTORY | RECORD NUMBER 6238 |
86. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 71 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 71 | |
| SECTION 4/ 71 NOT IN DIRECTORY | RECORD NUMBER 6451 |
87. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 72 (0): Directory (b)

- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 72 | |
| | SECTION 4/ 72 NOT IN DIRECTORY | RECORD NUMBER 6542 |
88. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 73 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 73 | |
| | SECTION 4/ 73 NOT IN DIRECTORY | RECORD NUMBER 6753 |
89. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 74 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 74 | |
| | SECTION 4/ 74 NOT IN DIRECTORY | RECORD NUMBER 6964 |
90. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 75 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 75 | |
| | SECTION 4/ 75 NOT IN DIRECTORY | RECORD NUMBER 7175 |
91. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 76 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 76 | |
| | SECTION 4/ 76 NOT IN DIRECTORY | RECORD NUMBER 7386 |
92. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT= 77 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 4, MT= 77 | |
| | SECTION 4/ 77 NOT IN DIRECTORY | RECORD NUMBER 7475 |
93. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT=600 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 4, MT=600 | |
| | SECTION 4/600 NOT IN DIRECTORY | RECORD NUMBER 7564 |
94. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT=601 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 4, MT=601 | |
| | SECTION 4/601 NOT IN DIRECTORY | RECORD NUMBER 7649 |
95. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT=602 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT=602 | RECORD NUMBER | 7734 |
| SECTION 4/602 NOT IN DIRECTORY | | |
96. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT=603 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT=603 | RECORD NUMBER | 7819 |
| SECTION 4/603 NOT IN DIRECTORY | | |
97. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT=604 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT=604 | RECORD NUMBER | 7904 |
| SECTION 4/604 NOT IN DIRECTORY | | |
98. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT=605 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT=605 | RECORD NUMBER | 7989 |
| SECTION 4/605 NOT IN DIRECTORY | | |
99. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT=606 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT=606 | RECORD NUMBER | 8074 |
| SECTION 4/606 NOT IN DIRECTORY | | |
100. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT=607 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT=607 | RECORD NUMBER | 8159 |
| SECTION 4/607 NOT IN DIRECTORY | | |
101. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT=608 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT=608 | RECORD NUMBER | 8244 |
| SECTION 4/608 NOT IN DIRECTORY | | |
102. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT=609 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4325, MF= 4, MT=609 | RECORD NUMBER | 8329 |
| SECTION 4/609 NOT IN DIRECTORY | | |
103. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT=800 (0): Directory (b)

- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 4, MT=800 | |
| | SECTION 4/800 NOT IN DIRECTORY | RECORD NUMBER 8414 |
104. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT=801 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 4, MT=801 | |
| | SECTION 4/801 NOT IN DIRECTORY | RECORD NUMBER 8537 |
105. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT=802 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 4, MT=802 | |
| | SECTION 4/802 NOT IN DIRECTORY | RECORD NUMBER 8660 |
106. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT=803 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 4, MT=803 | |
| | SECTION 4/803 NOT IN DIRECTORY | RECORD NUMBER 8783 |
107. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT=804 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 4, MT=804 | |
| | SECTION 4/804 NOT IN DIRECTORY | RECORD NUMBER 8906 |
108. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT=805 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 4, MT=805 | |
| | SECTION 4/805 NOT IN DIRECTORY | RECORD NUMBER 9029 |
109. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT=806 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 4, MT=806 | |
| | SECTION 4/806 NOT IN DIRECTORY | RECORD NUMBER 9152 |
110. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT=807 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 4, MT=807 | |
| | SECTION 4/807 NOT IN DIRECTORY | RECORD NUMBER 9275 |
111. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT=808 (0): Directory (b)

- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 4, MT=808 | |
| | SECTION 4/808 NOT IN DIRECTORY | RECORD NUMBER 9398 |
112. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 4, MT=809 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 4, MT=809 | |
| | SECTION 4/809 NOT IN DIRECTORY | RECORD NUMBER 9521 |
113. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 6, MT= 16 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 6, MT= 16 | |
| | SECTION 6/ 16 NOT IN DIRECTORY | RECORD NUMBER 9645 |
114. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 6, MT= 17 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 6, MT= 17 | |
| | SECTION 6/ 17 NOT IN DIRECTORY | RECORD NUMBER 11202 |
115. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 6, MT= 22 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 6, MT= 22 | |
| | SECTION 6/ 22 NOT IN DIRECTORY | RECORD NUMBER 11394 |
116. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 6, MT= 24 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 6, MT= 24 | |
| | SECTION 6/ 24 NOT IN DIRECTORY | RECORD NUMBER 14219 |
117. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 6, MT= 28 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 6, MT= 28 | |
| | SECTION 6/ 28 NOT IN DIRECTORY | RECORD NUMBER 14573 |
118. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 6, MT= 41 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=4325, MF= 6, MT= 41 | |
| | SECTION 6/ 41 NOT IN DIRECTORY | RECORD NUMBER 17118 |
119. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 6, MT= 91 (0): Directory (b)

- ERROR(S) FOUND IN MAT=4325, MF= 6, MT= 91
SECTION 6/ 91 NOT IN DIRECTORY RECORD NUMBER 17373
120. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 6, MT=102 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF= 6, MT=102
SECTION 6/102 NOT IN DIRECTORY RECORD NUMBER 34057
121. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 6, MT=649 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF= 6, MT=649
SECTION 6/649 NOT IN DIRECTORY RECORD NUMBER 36496
122. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF= 6, MT=849 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF= 6, MT=849
SECTION 6/849 NOT IN DIRECTORY RECORD NUMBER 39302
123. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT= 51 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT= 51
SECTION 12/ 51 NOT IN DIRECTORY RECORD NUMBER 42422
124. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT= 52 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT= 52
SECTION 12/ 52 NOT IN DIRECTORY RECORD NUMBER 42426
125. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT= 53 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT= 53
SECTION 12/ 53 NOT IN DIRECTORY RECORD NUMBER 42430
126. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT= 54 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT= 54
SECTION 12/ 54 NOT IN DIRECTORY RECORD NUMBER 42434
127. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT= 55 (0): Directory (b)

- ERROR(S) FOUND IN MAT=4325, MF=12, MT= 55
SECTION 12/ 55 NOT IN DIRECTORY RECORD NUMBER 42438
128. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT= 56 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT= 56
SECTION 12/ 56 NOT IN DIRECTORY RECORD NUMBER 42442
129. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT= 57 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT= 57
SECTION 12/ 57 NOT IN DIRECTORY RECORD NUMBER 42446
130. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT= 58 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT= 58
SECTION 12/ 58 NOT IN DIRECTORY RECORD NUMBER 42450
131. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT= 59 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT= 59
SECTION 12/ 59 NOT IN DIRECTORY RECORD NUMBER 42454
132. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT= 60 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT= 60
SECTION 12/ 60 NOT IN DIRECTORY RECORD NUMBER 42458
133. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT= 61 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT= 61
SECTION 12/ 61 NOT IN DIRECTORY RECORD NUMBER 42462
134. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT= 62 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT= 62
SECTION 12/ 62 NOT IN DIRECTORY RECORD NUMBER 42466
135. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT= 63 (0): Directory (b)

- ERROR(S) FOUND IN MAT=4325, MF=12, MT= 63
SECTION 12/ 63 NOT IN DIRECTORY RECORD NUMBER 42470
136. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT= 64 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT= 64
SECTION 12/ 64 NOT IN DIRECTORY RECORD NUMBER 42474
137. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT= 65 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT= 65
SECTION 12/ 65 NOT IN DIRECTORY RECORD NUMBER 42478
138. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT= 66 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT= 66
SECTION 12/ 66 NOT IN DIRECTORY RECORD NUMBER 42483
139. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT= 67 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT= 67
SECTION 12/ 67 NOT IN DIRECTORY RECORD NUMBER 42487
140. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT= 68 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT= 68
SECTION 12/ 68 NOT IN DIRECTORY RECORD NUMBER 42492
141. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT= 69 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT= 69
SECTION 12/ 69 NOT IN DIRECTORY RECORD NUMBER 42496
142. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT= 70 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT= 70
SECTION 12/ 70 NOT IN DIRECTORY RECORD NUMBER 42500
143. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT= 71 (0): Directory (b)

- ERROR(S) FOUND IN MAT=4325, MF=12, MT= 71
SECTION 12/ 71 NOT IN DIRECTORY RECORD NUMBER 42504
144. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT= 72 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT= 72
SECTION 12/ 72 NOT IN DIRECTORY RECORD NUMBER 42508
145. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT= 73 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT= 73
SECTION 12/ 73 NOT IN DIRECTORY RECORD NUMBER 42512
146. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT= 74 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT= 74
SECTION 12/ 74 NOT IN DIRECTORY RECORD NUMBER 42516
147. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT= 75 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT= 75
SECTION 12/ 75 NOT IN DIRECTORY RECORD NUMBER 42520
148. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT= 76 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT= 76
SECTION 12/ 76 NOT IN DIRECTORY RECORD NUMBER 42524
149. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT= 77 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT= 77
SECTION 12/ 77 NOT IN DIRECTORY RECORD NUMBER 42528
150. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT=601 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT=601
SECTION 12/601 NOT IN DIRECTORY RECORD NUMBER 42532
151. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT=602 (0): Directory (b)

- ERROR(S) FOUND IN MAT=4325, MF=12, MT=602
SECTION 12/602 NOT IN DIRECTORY RECORD NUMBER 42536
152. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT=603 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT=603
SECTION 12/603 NOT IN DIRECTORY RECORD NUMBER 42540
153. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT=604 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT=604
SECTION 12/604 NOT IN DIRECTORY RECORD NUMBER 42544
154. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT=605 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT=605
SECTION 12/605 NOT IN DIRECTORY RECORD NUMBER 42548
155. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT=606 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT=606
SECTION 12/606 NOT IN DIRECTORY RECORD NUMBER 42552
156. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT=607 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT=607
SECTION 12/607 NOT IN DIRECTORY RECORD NUMBER 42556
157. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT=608 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT=608
SECTION 12/608 NOT IN DIRECTORY RECORD NUMBER 42560
158. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT=609 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=12, MT=609
SECTION 12/609 NOT IN DIRECTORY RECORD NUMBER 42564
159. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT=801 (0): Directory (b)

- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=4325, MF=12, MT=801 | |
| | SECTION 12/801 NOT IN DIRECTORY | RECORD NUMBER 42568 |
160. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT=802 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=4325, MF=12, MT=802 | |
| | SECTION 12/802 NOT IN DIRECTORY | RECORD NUMBER 42572 |
161. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT=803 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=4325, MF=12, MT=803 | |
| | SECTION 12/803 NOT IN DIRECTORY | RECORD NUMBER 42576 |
162. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT=804 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=4325, MF=12, MT=804 | |
| | SECTION 12/804 NOT IN DIRECTORY | RECORD NUMBER 42580 |
163. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT=805 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=4325, MF=12, MT=805 | |
| | SECTION 12/805 NOT IN DIRECTORY | RECORD NUMBER 42584 |
164. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT=806 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=4325, MF=12, MT=806 | |
| | SECTION 12/806 NOT IN DIRECTORY | RECORD NUMBER 42588 |
165. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT=807 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=4325, MF=12, MT=807 | |
| | SECTION 12/807 NOT IN DIRECTORY | RECORD NUMBER 42592 |
166. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT=808 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=4325, MF=12, MT=808 | |
| | SECTION 12/808 NOT IN DIRECTORY | RECORD NUMBER 42596 |
167. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=12, MT=809 (0): Directory (b)

- ERROR(S) FOUND IN MAT=4325, MF=12, MT=809
SECTION 12/809 NOT IN DIRECTORY RECORD NUMBER 42600
168. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT= 51 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT= 51
SECTION 14/ 51 NOT IN DIRECTORY RECORD NUMBER 42605
169. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT= 52 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT= 52
SECTION 14/ 52 NOT IN DIRECTORY RECORD NUMBER 42607
170. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT= 53 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT= 53
SECTION 14/ 53 NOT IN DIRECTORY RECORD NUMBER 42609
171. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT= 54 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT= 54
SECTION 14/ 54 NOT IN DIRECTORY RECORD NUMBER 42611
172. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT= 55 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT= 55
SECTION 14/ 55 NOT IN DIRECTORY RECORD NUMBER 42613
173. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT= 56 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT= 56
SECTION 14/ 56 NOT IN DIRECTORY RECORD NUMBER 42615
174. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT= 57 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT= 57
SECTION 14/ 57 NOT IN DIRECTORY RECORD NUMBER 42617
175. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT= 58 (0): Directory (b)

- ERROR(S) FOUND IN MAT=4325, MF=14, MT= 58
SECTION 14/ 58 NOT IN DIRECTORY RECORD NUMBER 42619
176. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT= 59 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT= 59
SECTION 14/ 59 NOT IN DIRECTORY RECORD NUMBER 42621
177. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT= 60 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT= 60
SECTION 14/ 60 NOT IN DIRECTORY RECORD NUMBER 42623
178. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT= 61 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT= 61
SECTION 14/ 61 NOT IN DIRECTORY RECORD NUMBER 42625
179. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT= 62 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT= 62
SECTION 14/ 62 NOT IN DIRECTORY RECORD NUMBER 42627
180. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT= 63 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT= 63
SECTION 14/ 63 NOT IN DIRECTORY RECORD NUMBER 42629
181. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT= 64 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT= 64
SECTION 14/ 64 NOT IN DIRECTORY RECORD NUMBER 42631
182. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT= 65 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT= 65
SECTION 14/ 65 NOT IN DIRECTORY RECORD NUMBER 42633
183. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT= 66 (0): Directory (b)

- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=4325, MF=14, MT= 66 | |
| | SECTION 14/ 66 NOT IN DIRECTORY | RECORD NUMBER 42635 |
184. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT= 67 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=4325, MF=14, MT= 67 | |
| | SECTION 14/ 67 NOT IN DIRECTORY | RECORD NUMBER 42637 |
185. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT= 68 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=4325, MF=14, MT= 68 | |
| | SECTION 14/ 68 NOT IN DIRECTORY | RECORD NUMBER 42639 |
186. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT= 69 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=4325, MF=14, MT= 69 | |
| | SECTION 14/ 69 NOT IN DIRECTORY | RECORD NUMBER 42641 |
187. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT= 70 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=4325, MF=14, MT= 70 | |
| | SECTION 14/ 70 NOT IN DIRECTORY | RECORD NUMBER 42643 |
188. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT= 71 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=4325, MF=14, MT= 71 | |
| | SECTION 14/ 71 NOT IN DIRECTORY | RECORD NUMBER 42645 |
189. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT= 72 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=4325, MF=14, MT= 72 | |
| | SECTION 14/ 72 NOT IN DIRECTORY | RECORD NUMBER 42647 |
190. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT= 73 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=4325, MF=14, MT= 73 | |
| | SECTION 14/ 73 NOT IN DIRECTORY | RECORD NUMBER 42649 |
191. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT= 74 (0): Directory (b)

- ERROR(S) FOUND IN MAT=4325, MF=14, MT= 74
SECTION 14/ 74 NOT IN DIRECTORY RECORD NUMBER 42651
192. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT= 75 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT= 75
SECTION 14/ 75 NOT IN DIRECTORY RECORD NUMBER 42653
193. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT= 76 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT= 76
SECTION 14/ 76 NOT IN DIRECTORY RECORD NUMBER 42655
194. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT= 77 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT= 77
SECTION 14/ 77 NOT IN DIRECTORY RECORD NUMBER 42657
195. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT=601 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT=601
SECTION 14/601 NOT IN DIRECTORY RECORD NUMBER 42659
196. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT=602 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT=602
SECTION 14/602 NOT IN DIRECTORY RECORD NUMBER 42661
197. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT=603 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT=603
SECTION 14/603 NOT IN DIRECTORY RECORD NUMBER 42663
198. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT=604 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT=604
SECTION 14/604 NOT IN DIRECTORY RECORD NUMBER 42665
199. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT=605 (0): Directory (b)

- ERROR(S) FOUND IN MAT=4325, MF=14, MT=605
SECTION 14/605 NOT IN DIRECTORY RECORD NUMBER 42667
200. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT=606 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT=606
SECTION 14/606 NOT IN DIRECTORY RECORD NUMBER 42669
201. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT=607 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT=607
SECTION 14/607 NOT IN DIRECTORY RECORD NUMBER 42671
202. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT=608 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT=608
SECTION 14/608 NOT IN DIRECTORY RECORD NUMBER 42673
203. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT=609 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT=609
SECTION 14/609 NOT IN DIRECTORY RECORD NUMBER 42675
204. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT=801 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT=801
SECTION 14/801 NOT IN DIRECTORY RECORD NUMBER 42677
205. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT=802 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT=802
SECTION 14/802 NOT IN DIRECTORY RECORD NUMBER 42679
206. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT=803 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT=803
SECTION 14/803 NOT IN DIRECTORY RECORD NUMBER 42681
207. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT=804 (0): Directory (b)

- ERROR(S) FOUND IN MAT=4325, MF=14, MT=804
SECTION 14/804 NOT IN DIRECTORY RECORD NUMBER 42683
208. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT=805 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT=805
SECTION 14/805 NOT IN DIRECTORY RECORD NUMBER 42685
209. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT=806 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT=806
SECTION 14/806 NOT IN DIRECTORY RECORD NUMBER 42687
210. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT=807 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT=807
SECTION 14/807 NOT IN DIRECTORY RECORD NUMBER 42689
211. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT=808 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT=808
SECTION 14/808 NOT IN DIRECTORY RECORD NUMBER 42691
212. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=14, MT=809 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=14, MT=809
SECTION 14/809 NOT IN DIRECTORY RECORD NUMBER 42693
213. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=33, MT= 1 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=33, MT= 1
SECTION 33/ 1 NOT IN DIRECTORY RECORD NUMBER 42696
214. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=33, MT= 2 (0): Directory (b)
- ERROR(S) FOUND IN MAT=4325, MF=33, MT= 2
SECTION 33/ 2 NOT IN DIRECTORY RECORD NUMBER 43171
215. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=33, MT= 4 (0): Directory (b)

ERROR(S) FOUND IN MAT=4325, MF=33, MT= 4
SECTION 33/ 4 NOT IN DIRECTORY RECORD NUMBER 43625

216. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=33, MT= 16 (0): Directory (b)

ERROR(S) FOUND IN MAT=4325, MF=33, MT= 16
SECTION 33/ 16 NOT IN DIRECTORY RECORD NUMBER 43945

217. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=33, MT=102 (0): Directory (b)

ERROR(S) FOUND IN MAT=4325, MF=33, MT=102
SECTION 33/102 NOT IN DIRECTORY RECORD NUMBER 43988

218. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4325, MF=33, MT=103 (0): Directory (b)

ERROR(S) FOUND IN MAT=4325, MF=33, MT=103
SECTION 33/103 NOT IN DIRECTORY RECORD NUMBER 44439

• **psyche** Warnings:

1. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 4.90000E-05 / ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.45864E+01 SHOULD BE 2.14471E+01 (0): URR dens. (a)

FILE 2
SECTION 151
ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 4.90000E-05
ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.45864E+01 SHOULD BE 2.14471E+01

2. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.45651E+01 SHOULD BE 2.14286E+01 (0): URR dens. (a)

FILE 2
SECTION 151
ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.45651E+01 SHOULD BE 2.14286E+01

3. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.45310E+01 SHOULD BE 2.13988E+01 (0): URR dens. (a)

FILE 2
SECTION 151
ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.45310E+01 SHOULD BE 2.13988E+01

4. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.44969E+01 SHOULD BE 2.13691E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.44969E+01 SHOULD BE 2.13691E+01
```

5. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.44628E+01 SHOULD BE 2.13393E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.44628E+01 SHOULD BE 2.13393E+01
```

6. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.42933E+01 SHOULD BE 2.11915E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.42933E+01 SHOULD BE 2.11915E+01
```

7. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.41250E+01 SHOULD BE 2.10446E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.41250E+01 SHOULD BE 2.10446E+01
```

8. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.39578E+01 SHOULD BE 2.08988E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 2.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.39578E+01 SHOULD BE 2.08988E+01
```

9. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.37920E+01 SHOULD BE 2.07541E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.37920E+01 SHOULD BE 2.07541E+01
```

10. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.36273E+01 SHOULD BE 2.06105E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 3.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.36273E+01 SHOULD BE 2.06105E+01
```

11. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.34638E+01 SHOULD BE 2.04678E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.34638E+01 SHOULD BE 2.04678E+01
```

12. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.33014E+01 SHOULD BE 2.03262E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 4.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.33014E+01 SHOULD BE 2.03262E+01
```

13. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.31403E+01 SHOULD BE 2.01857E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.31403E+01 SHOULD BE 2.01857E+01
```

14. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.29803E+01 SHOULD BE 2.00461E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 5.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.29803E+01 SHOULD BE 2.00461E+01
```

15. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.28215E+01 SHOULD BE 1.99076E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.28215E+01 SHOULD BE 1.99076E+01
```

16. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.26639E+01 SHOULD BE 1.97701E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.26639E+01 SHOULD BE 1.97701E+01
```

17. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.25073E+01 SHOULD BE 1.96335E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.25073E+01 SHOULD BE 1.96335E+01
```

18. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.23519E+01 SHOULD BE 1.94980E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.23519E+01 SHOULD BE 1.94980E+01
```

19. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.21977E+01 SHOULD BE 1.93634E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.21977E+01 SHOULD BE 1.93634E+01
```

20. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.20445E+01 SHOULD BE 1.92298E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 8.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.20445E+01 SHOULD BE 1.92298E+01
```

21. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / TOTAL OF 32 POINTS IN ERROR FOR THIS J-STATE (0): URR dens. (b)

```
FILE 2
SECTION 151
TOTAL OF 32 POINTS IN ERROR FOR THIS J-STATE
TOTAL OF 32 POINTS IN ERROR FOR THIS J-STATE
TOTAL OF 32 POINTS IN ERROR FOR THIS J-STATE
... [6 more lines]
```

22. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 5.90000E-04 / ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.62131E+01 SHOULD BE 2.34995E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 5.90000E-04
ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.62131E+01 SHOULD BE 2.34995E+01
```

23. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.61905E+01 SHOULD BE 2.34792E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.61905E+01 SHOULD BE 2.34792E+01
```

24. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.61541E+01 SHOULD BE 2.34465E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.61541E+01 SHOULD BE 2.34465E+01
```

25. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.61177E+01 SHOULD BE 2.34140E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.61177E+01 SHOULD BE 2.34140E+01
```

26. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.60814E+01 SHOULD BE 2.33814E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.60814E+01 SHOULD BE 2.33814E+01
```

27. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.59007E+01 SHOULD BE 2.32194E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.59007E+01 SHOULD BE 2.32194E+01
```

28. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.57212E+01 SHOULD BE 2.30585E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.57212E+01 SHOULD BE 2.30585E+01
```

29. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.50000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.55430E+01 SHOULD BE 2.28987E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 2.50000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.55430E+01 SHOULD BE 2.28987E+01
```

30. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.53662E+01 SHOULD BE 2.27402E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.53662E+01 SHOULD BE 2.27402E+01
```

31. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.50000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.51906E+01 SHOULD BE 2.25828E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 3.50000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.51906E+01 SHOULD BE 2.25828E+01
```

32. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.50162E+01 SHOULD BE 2.24265E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.50162E+01 SHOULD BE 2.24265E+01
```

33. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.50000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.48432E+01 SHOULD BE 2.22713E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 4.50000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.48432E+01 SHOULD BE 2.22713E+01
```

34. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.46714E+01 SHOULD BE 2.21173E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.46714E+01 SHOULD BE 2.21173E+01
```

35. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.45008E+01 SHOULD BE 2.19644E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 5.50000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.45008E+01 SHOULD BE 2.19644E+01
```

36. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.43315E+01 SHOULD BE 2.18127E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.43315E+01 SHOULD BE 2.18127E+01
```

37. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.50000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.41634E+01 SHOULD BE 2.16619E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.50000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.41634E+01 SHOULD BE 2.16619E+01
```

38. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.39965E+01 SHOULD BE 2.15123E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.39965E+01 SHOULD BE 2.15123E+01
```

39. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.50000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.38308E+01 SHOULD BE 2.13638E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.50000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.38308E+01 SHOULD BE 2.13638E+01
```

40. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.36664E+01 SHOULD BE 2.12164E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.36664E+01 SHOULD BE 2.12164E+01
```

41. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.50000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.35030E+01 SHOULD BE 2.10700E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 8.50000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.35030E+01 SHOULD BE 2.10700E+01
```

42. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 5.90000E-04 / ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.45864E+01 SHOULD BE 1.92268E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 5.90000E-04
ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.45864E+01 SHOULD BE 1.92268E+01
```

43. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.45651E+01 SHOULD BE 1.92102E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.45651E+01 SHOULD BE 1.92102E+01
```

44. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.45310E+01 SHOULD BE 1.91835E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.45310E+01 SHOULD BE 1.91835E+01
```

45. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.44969E+01 SHOULD BE 1.91569E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.44969E+01 SHOULD BE 1.91569E+01
```

46. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.44628E+01 SHOULD BE 1.91302E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.44628E+01 SHOULD BE 1.91302E+01
```

47. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.42933E+01 SHOULD BE 1.89977E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.42933E+01 SHOULD BE 1.89977E+01
```

48. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.41250E+01 SHOULD BE 1.88660E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.41250E+01 SHOULD BE 1.88660E+01
```

49. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.50000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.39578E+01 SHOULD BE 1.87353E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 2.50000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.39578E+01 SHOULD BE 1.87353E+01
```

50. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.37920E+01 SHOULD BE 1.86056E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.37920E+01 SHOULD BE 1.86056E+01
```

51. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.50000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.36273E+01 SHOULD BE 1.84768E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 3.50000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.36273E+01 SHOULD BE 1.84768E+01
```

52. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.34638E+01 SHOULD BE 1.83489E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.34638E+01 SHOULD BE 1.83489E+01
```

53. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.50000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.33014E+01 SHOULD BE 1.82220E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 4.50000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.33014E+01 SHOULD BE 1.82220E+01
```

54. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.31403E+01 SHOULD BE 1.80960E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.31403E+01 SHOULD BE 1.80960E+01
```

55. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.29803E+01 SHOULD BE 1.79709E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 5.50000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.29803E+01 SHOULD BE 1.79709E+01
```

56. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.28215E+01 SHOULD BE 1.78467E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.28215E+01 SHOULD BE 1.78467E+01
```

57. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.50000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.26639E+01 SHOULD BE 1.77234E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.50000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.26639E+01 SHOULD BE 1.77234E+01
```

58. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.25073E+01 SHOULD BE 1.76010E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.25073E+01 SHOULD BE 1.76010E+01
```

59. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.50000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.23519E+01 SHOULD BE 1.74795E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.50000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.23519E+01 SHOULD BE 1.74795E+01
```

60. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.21977E+01 SHOULD BE 1.73588E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.21977E+01 SHOULD BE 1.73588E+01
```

61. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.50000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.20445E+01 SHOULD BE 1.72391E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 8.50000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.20445E+01 SHOULD BE 1.72391E+01
```

62. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 5.90000E-04 / ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.45095E+01 SHOULD BE 1.62689E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 5.90000E-04
ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.45095E+01 SHOULD BE 1.62689E+01
```

63. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.44883E+01 SHOULD BE 1.62548E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.44883E+01 SHOULD BE 1.62548E+01
```

64. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.44543E+01 SHOULD BE 1.62322E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.44543E+01 SHOULD BE 1.62322E+01
```

65. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.44203E+01 SHOULD BE 1.62097E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.44203E+01 SHOULD BE 1.62097E+01
```

66. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.43863E+01 SHOULD BE 1.61871E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.43863E+01 SHOULD BE 1.61871E+01
```

67. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.42174E+01 SHOULD BE 1.60749E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.42174E+01 SHOULD BE 1.60749E+01
```

68. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.40495E+01 SHOULD BE 1.59635E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.40495E+01 SHOULD BE 1.59635E+01
```

69. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.50000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.38830E+01 SHOULD BE 1.58530E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 2.50000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.38830E+01 SHOULD BE 1.58530E+01
```

70. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.37176E+01 SHOULD BE 1.57432E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.37176E+01 SHOULD BE 1.57432E+01
```

71. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.50000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.35534E+01 SHOULD BE 1.56342E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 3.50000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.35534E+01 SHOULD BE 1.56342E+01
```

72. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.33904E+01 SHOULD BE 1.55260E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.33904E+01 SHOULD BE 1.55260E+01
```

73. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.50000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.32286E+01 SHOULD BE 1.54186E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 4.50000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.32286E+01 SHOULD BE 1.54186E+01
```

74. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.30680E+01 SHOULD BE 1.53120E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.30680E+01 SHOULD BE 1.53120E+01
```

75. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.29085E+01 SHOULD BE 1.52061E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 5.50000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.29085E+01 SHOULD BE 1.52061E+01
```

76. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.27502E+01 SHOULD BE 1.51011E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.27502E+01 SHOULD BE 1.51011E+01
```

77. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.50000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.25930E+01 SHOULD BE 1.49967E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.50000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.25930E+01 SHOULD BE 1.49967E+01
```

78. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.24370E+01 SHOULD BE 1.48932E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.24370E+01 SHOULD BE 1.48932E+01
```

79. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.50000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.22820E+01 SHOULD BE 1.47903E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.50000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.22820E+01 SHOULD BE 1.47903E+01
```

80. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.21283E+01 SHOULD BE 1.46882E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.21283E+01 SHOULD BE 1.46882E+01
```

81. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.50000E+04. STRENGTH FUNCTION IS 5.90000E-04 / DENSITY 2.19756E+01 SHOULD BE 1.45869E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 8.50000E+04. STRENGTH FUNCTION IS 5.90000E-04
DENSITY 2.19756E+01 SHOULD BE 1.45869E+01
```

82. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 4.90000E-05 / ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 3.02136E+01 SHOULD BE 2.78360E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 4.90000E-05
ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 3.02136E+01 SHOULD BE 2.78360E+01
```

83. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 3.01875E+01 SHOULD BE 2.78120E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 3.01875E+01 SHOULD BE 2.78120E+01
```

84. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 3.01456E+01 SHOULD BE 2.77733E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 3.01456E+01 SHOULD BE 2.77733E+01
```

85. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 3.01037E+01 SHOULD BE 2.77347E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 3.01037E+01 SHOULD BE 2.77347E+01
```

86. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 3.00618E+01 SHOULD BE 2.76961E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 3.00618E+01 SHOULD BE 2.76961E+01
```

87. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.98535E+01 SHOULD BE 2.75042E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.98535E+01 SHOULD BE 2.75042E+01
```

88. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.96466E+01 SHOULD BE 2.73136E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.96466E+01 SHOULD BE 2.73136E+01
```

89. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.94412E+01 SHOULD BE 2.71244E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 2.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.94412E+01 SHOULD BE 2.71244E+01
```

90. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.92374E+01 SHOULD BE 2.69366E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.92374E+01 SHOULD BE 2.69366E+01
```

91. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.90350E+01 SHOULD BE 2.67502E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 3.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.90350E+01 SHOULD BE 2.67502E+01
```

92. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.88341E+01 SHOULD BE 2.65650E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.88341E+01 SHOULD BE 2.65650E+01
```

93. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.86346E+01 SHOULD BE 2.63813E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 4.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.86346E+01 SHOULD BE 2.63813E+01
```

94. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.84366E+01 SHOULD BE 2.61988E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.84366E+01 SHOULD BE 2.61988E+01
```

95. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.82400E+01 SHOULD BE 2.60177E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 5.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.82400E+01 SHOULD BE 2.60177E+01
```

96. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.80448E+01 SHOULD BE 2.58379E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.80448E+01 SHOULD BE 2.58379E+01
```

97. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.78511E+01 SHOULD BE 2.56594E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.78511E+01 SHOULD BE 2.56594E+01
```

98. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.76587E+01 SHOULD BE 2.54822E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.76587E+01 SHOULD BE 2.54822E+01
```

99. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.74678E+01 SHOULD BE 2.53062E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.74678E+01 SHOULD BE 2.53062E+01
```

100. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.72782E+01 SHOULD BE 2.51316E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.72782E+01 SHOULD BE 2.51316E+01
```

101. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.70900E+01 SHOULD BE 2.49582E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 8.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.70900E+01 SHOULD BE 2.49582E+01
```

102. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 4.90000E-05 / ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.62131E+01 SHOULD BE 2.16502E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 4.90000E-05
ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.62131E+01 SHOULD BE 2.16502E+01
```

103. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.61905E+01 SHOULD BE 2.16315E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.61905E+01 SHOULD BE 2.16315E+01
```

104. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.61541E+01 SHOULD BE 2.16015E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.61541E+01 SHOULD BE 2.16015E+01
```

105. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.61177E+01 SHOULD BE 2.15714E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.61177E+01 SHOULD BE 2.15714E+01
```

106. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.60814E+01 SHOULD BE 2.15414E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.60814E+01 SHOULD BE 2.15414E+01
```

107. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.59007E+01 SHOULD BE 2.13922E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.59007E+01 SHOULD BE 2.13922E+01
```

108. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.57212E+01 SHOULD BE 2.12439E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.57212E+01 SHOULD BE 2.12439E+01
```

109. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.55430E+01 SHOULD BE 2.10968E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 2.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.55430E+01 SHOULD BE 2.10968E+01
```

110. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.53662E+01 SHOULD BE 2.09507E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.53662E+01 SHOULD BE 2.09507E+01
```

111. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.51906E+01 SHOULD BE 2.08057E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 3.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.51906E+01 SHOULD BE 2.08057E+01
```

112. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.50162E+01 SHOULD BE 2.06617E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.50162E+01 SHOULD BE 2.06617E+01
```

113. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.48432E+01 SHOULD BE 2.05188E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 4.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.48432E+01 SHOULD BE 2.05188E+01
```

114. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.46714E+01 SHOULD BE 2.03769E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.46714E+01 SHOULD BE 2.03769E+01
```

115. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.45008E+01 SHOULD BE 2.02360E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 5.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.45008E+01 SHOULD BE 2.02360E+01
```

116. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.43315E+01 SHOULD BE 2.00962E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.43315E+01 SHOULD BE 2.00962E+01
```

117. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.41634E+01 SHOULD BE 1.99573E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.41634E+01 SHOULD BE 1.99573E+01
```

118. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.39965E+01 SHOULD BE 1.98195E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.39965E+01 SHOULD BE 1.98195E+01
```

119. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.38308E+01 SHOULD BE 1.96826E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.38308E+01 SHOULD BE 1.96826E+01
```

120. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.36664E+01 SHOULD BE 1.95468E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.36664E+01 SHOULD BE 1.95468E+01
```

121. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.35031E+01 SHOULD BE 1.94119E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 8.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.35031E+01 SHOULD BE 1.94119E+01
```

122. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 4.90000E-05 / ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.45864E+01 SHOULD BE 1.77138E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 4.90000E-05
ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.45864E+01 SHOULD BE 1.77138E+01
```

123. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.45651E+01 SHOULD BE 1.76985E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.45651E+01 SHOULD BE 1.76985E+01
```

124. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.45310E+01 SHOULD BE 1.76739E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.45310E+01 SHOULD BE 1.76739E+01
```

125. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.44969E+01 SHOULD BE 1.76494E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.44969E+01 SHOULD BE 1.76494E+01
```

126. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.44628E+01 SHOULD BE 1.76248E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.44628E+01 SHOULD BE 1.76248E+01
```

127. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.42933E+01 SHOULD BE 1.75027E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.42933E+01 SHOULD BE 1.75027E+01
```

128. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.41250E+01 SHOULD BE 1.73814E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.41250E+01 SHOULD BE 1.73814E+01
```

129. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.39578E+01 SHOULD BE 1.72610E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 2.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.39578E+01 SHOULD BE 1.72610E+01
```

130. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.37920E+01 SHOULD BE 1.71415E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.37920E+01 SHOULD BE 1.71415E+01
```

131. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.36273E+01 SHOULD BE 1.70228E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 3.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.36273E+01 SHOULD BE 1.70228E+01
```

132. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.34638E+01 SHOULD BE 1.69050E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.34638E+01 SHOULD BE 1.69050E+01
```

133. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.33014E+01 SHOULD BE 1.67881E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 4.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.33014E+01 SHOULD BE 1.67881E+01
```

134. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.31403E+01 SHOULD BE 1.66720E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.31403E+01 SHOULD BE 1.66720E+01
```

135. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.29803E+01 SHOULD BE 1.65567E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 5.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.29803E+01 SHOULD BE 1.65567E+01
```

136. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.28215E+01 SHOULD BE 1.64423E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.28215E+01 SHOULD BE 1.64423E+01
```

137. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.26639E+01 SHOULD BE 1.63287E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.26639E+01 SHOULD BE 1.63287E+01
```

138. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.25073E+01 SHOULD BE 1.62159E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.25073E+01 SHOULD BE 1.62159E+01
```

139. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.23519E+01 SHOULD BE 1.61040E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.23519E+01 SHOULD BE 1.61040E+01
```

140. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.21977E+01 SHOULD BE 1.59928E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.21977E+01 SHOULD BE 1.59928E+01
```

141. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.20445E+01 SHOULD BE 1.58825E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 8.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.20445E+01 SHOULD BE 1.58825E+01
```

142. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 4.90000E-05 / ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.45095E+01 SHOULD BE 1.49886E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 4.90000E-05
ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.45095E+01 SHOULD BE 1.49886E+01
```

143. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.44883E+01 SHOULD BE 1.49757E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.44883E+01 SHOULD BE 1.49757E+01
```

144. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.44543E+01 SHOULD BE 1.49549E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.44543E+01 SHOULD BE 1.49549E+01
```

145. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.44203E+01 SHOULD BE 1.49341E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.44203E+01 SHOULD BE 1.49341E+01
```

146. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.43863E+01 SHOULD BE 1.49133E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.43863E+01 SHOULD BE 1.49133E+01
```

147. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.42174E+01 SHOULD BE 1.48100E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.42174E+01 SHOULD BE 1.48100E+01
```

148. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.40495E+01 SHOULD BE 1.47073E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.40495E+01 SHOULD BE 1.47073E+01
```

149. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.38830E+01 SHOULD BE 1.46055E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 2.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.38830E+01 SHOULD BE 1.46055E+01
```

150. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.37176E+01 SHOULD BE 1.45043E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.37176E+01 SHOULD BE 1.45043E+01
```

151. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.35534E+01 SHOULD BE 1.44039E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 3.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.35534E+01 SHOULD BE 1.44039E+01
```

152. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.33904E+01 SHOULD BE 1.43043E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.33904E+01 SHOULD BE 1.43043E+01
```

153. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.32286E+01 SHOULD BE 1.42053E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 4.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.32286E+01 SHOULD BE 1.42053E+01
```

154. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.30680E+01 SHOULD BE 1.41071E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.30680E+01 SHOULD BE 1.41071E+01
```

155. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.29085E+01 SHOULD BE 1.40095E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 5.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.29085E+01 SHOULD BE 1.40095E+01
```

156. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.27502E+01 SHOULD BE 1.39127E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.27502E+01 SHOULD BE 1.39127E+01
```

157. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.25930E+01 SHOULD BE 1.38166E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.25930E+01 SHOULD BE 1.38166E+01
```

158. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.24370E+01 SHOULD BE 1.37212E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.24370E+01 SHOULD BE 1.37212E+01
```

159. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.22820E+01 SHOULD BE 1.36264E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.22820E+01 SHOULD BE 1.36264E+01
```

160. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.21283E+01 SHOULD BE 1.35324E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.21283E+01 SHOULD BE 1.35324E+01
```

161. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.19756E+01 SHOULD BE 1.34390E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 8.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.19756E+01 SHOULD BE 1.34390E+01
```

162. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 4.90000E-05 / ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.57183E+01 SHOULD BE 1.29901E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 4.90000E-05
ENERGY = 6.38000E+03. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.57183E+01 SHOULD BE 1.29901E+01
```

163. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.56961E+01 SHOULD BE 1.29789E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.56961E+01 SHOULD BE 1.29789E+01
```

164. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.56604E+01 SHOULD BE 1.29609E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.56604E+01 SHOULD BE 1.29609E+01
```

165. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.56247E+01 SHOULD BE 1.29429E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.56247E+01 SHOULD BE 1.29429E+01
```

166. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.55891E+01 SHOULD BE 1.29249E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.55891E+01 SHOULD BE 1.29249E+01
```

167. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.54118E+01 SHOULD BE 1.28353E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.54118E+01 SHOULD BE 1.28353E+01
```

168. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.52357E+01 SHOULD BE 1.27464E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.52357E+01 SHOULD BE 1.27464E+01
```

169. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.50609E+01 SHOULD BE 1.26581E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 2.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.50609E+01 SHOULD BE 1.26581E+01
```

170. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.48874E+01 SHOULD BE 1.25704E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.48874E+01 SHOULD BE 1.25704E+01
```

171. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.47151E+01 SHOULD BE 1.24834E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 3.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.47151E+01 SHOULD BE 1.24834E+01
```

172. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.45440E+01 SHOULD BE 1.23970E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.45440E+01 SHOULD BE 1.23970E+01
```

173. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.43743E+01 SHOULD BE 1.23113E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 4.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.43743E+01 SHOULD BE 1.23113E+01
```

174. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.42057E+01 SHOULD BE 1.22261E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.42057E+01 SHOULD BE 1.22261E+01
```

175. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.40384E+01 SHOULD BE 1.21416E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 5.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.40384E+01 SHOULD BE 1.21416E+01
```

176. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.38722E+01 SHOULD BE 1.20577E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.38722E+01 SHOULD BE 1.20577E+01
```

177. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.37073E+01 SHOULD BE 1.19744E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.37073E+01 SHOULD BE 1.19744E+01
```

178. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.35436E+01 SHOULD BE 1.18917E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.35436E+01 SHOULD BE 1.18917E+01
```

179. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.33810E+01 SHOULD BE 1.18096E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.33810E+01 SHOULD BE 1.18096E+01
```

180. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.32197E+01 SHOULD BE 1.17281E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.32197E+01 SHOULD BE 1.17281E+01
```

181. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.50000E+04. STRENGTH FUNCTION IS 4.90000E-05 / DENSITY 2.30594E+01 SHOULD BE 1.16471E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 8.50000E+04. STRENGTH FUNCTION IS 4.90000E-05
DENSITY 2.30594E+01 SHOULD BE 1.16471E+01
```

- recent Warnings:

1. Competative widths aren't all zero like they're supposed to be
0: LRX=0

```
Calculate Cross Sections from Resonance Parameters (RECENT 2015-1)
=====
Retrieval Criteria----- MAT
File 2 Mimimum Cross Section- 1.0000E-10 (Standard Option)
Reactions with No Background- Output (Resonance Contribution)
... [1269 more lines]
```

- fudge-4.0 Warnings:

1. Missing a channel with a particular angular momenta combination
resonances / resolved (Error # 1): missingResonanceChannel

WARNING: Missing a channel with angular momenta combination L = 0, J = 3.0 and S = 3.0 for "capture"
 WARNING: Missing a channel with angular momenta combination L = 1, J = 3.0 and S = 3.0 for "capture"
 WARNING: Missing a channel with angular momenta combination L = 1, J = 4.0 and S = 3.0 for "capture"
 WARNING: Missing a channel with angular momenta combination L = 1, J = 4.0 and S = 4.0 for "capture"
 ... plus 1 more instances of this message

2. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 0 (total): / Form 'eval': / Component 0 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (4.848679e-09) is too small

3. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 0 (total): / Form 'eval': / Component 1 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

4. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 1 (n + Tc99): / Form 'eval': / Component 1 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

5. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 2 ((z,n)): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

6. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 3 (n[multiplicity:'2'] + Tc98 + gamma): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

7. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 4 (Tc100 + gamma): / Form 'eval': / Component 1 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

8. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 5 ((z,p)): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

- fudge-4.0 Errors:

1. The spin statistical weights are off, indicating missing channels
resonances / resolved / MultiLevel_BreitWigner (Error # 0): badSpinStatisticalWeights

WARNING: The spin statical weights for L=1 sums to 2.0, but should sum to 3.0. You have too few channels for re

2. Energy range of data set does not match cross section range
reaction label 26: n + Tc99.e26 / Product: n / Distribution: / angularTwoBody - XYs2d: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (1211106.0 -> 20000000.0) vs (1211110.0 -> 20000000.0)

3. Calculated and tabulated Q values disagree.
reaction label 29: n[multiplicity:'2'] + Tc98 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -8925870.96194458 eV vs -8.966e6 eV!

4. Calculated and tabulated Q values disagree.
reaction label 30: n[multiplicity:'3'] + Tc97 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -16254480.80441284 eV vs -1.6244e7 eV!

5. Calculated and tabulated Q values disagree.
reaction label 31: n + H1 + Mo98 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -6545813.544525146 eV vs -6.5e6 eV!

6. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.
reaction label 31: n + H1 + Mo98 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy

WARNING: Extra zero-probability outgoing energies found at incident energy 8.5e6 eV

WARNING: Extra zero-probability outgoing energies found at incident energy 9.e6 eV

WARNING: Extra zero-probability outgoing energies found at incident energy 9.5e6 eV

WARNING: Extra zero-probability outgoing energies found at incident energy 1.e7 eV

... plus 7 more instances of this message

7. Calculated and tabulated Q values disagree.
reaction label 32: H1 + Mo99 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -532595.2122497559 eV vs -5.75e5 eV!

8. Calculated and tabulated Q values disagree.
reaction label 33: H1 + Mo99.e1 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -630375.2122497559 eV vs -672780. eV!

9. Calculated and tabulated Q values disagree.
reaction label 34: H1 + Mo99.e2 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -768105.2122497559 eV vs -810510. eV!

10. Calculated and tabulated Q values disagree.
reaction label 35: H1 + Mo99.e3 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -883835.2122497559 eV vs -926240. eV!

11. Calculated and tabulated Q values disagree.
reaction label 36: H1 + Mo99.e4 (Error # 0): Q mismatch

- WARNING: Calculated and tabulated Q-values disagree: -1057795.212249756 eV vs -1.1002e6 eV!
12. Calculated and tabulated Q values disagree.
reaction label 37: H1 + Mo99_e5 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -1081275.212249756 eV vs -1123680. eV!

 13. Calculated and tabulated Q values disagree.
reaction label 38: H1 + Mo99_e6 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -1147675.212249756 eV vs -1190080. eV!

 14. Calculated and tabulated Q values disagree.
reaction label 39: H1 + Mo99_e7 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -1164365.212249756 eV vs -1206770. eV!

 15. Calculated and tabulated Q values disagree.
reaction label 40: H1 + Mo99_e8 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -1217095.212249756 eV vs -1.2595e6 eV!

 16. Calculated and tabulated Q values disagree.
reaction label 41: H1 + Mo99_e9 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -1230565.212249756 eV vs -1272970. eV!

 17. Calculated and tabulated Q values disagree.
reaction label 42: H1 + (Mo99_c -> Mo99 + gamma) (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -1230565.212249756 eV vs -1272970. eV!

 18. Calculated and tabulated Q values disagree.
reaction label 55: n + He4 + Nb95 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -2929240.666503906 eV vs -2.966e6 eV!

 19. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.
reaction label 55: n + He4 + Nb95 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy

WARNING: Extra zero-probability outgoing energies found at incident energy 7.5e6 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 8.e6 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 8.5e6 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 9.e6 eV
... plus 19 more instances of this message

 20. Calculated and tabulated Q values disagree.
reaction label 56: n[multiplicity:'2'] + He4 + Nb94 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -11479285.48271179 eV vs -1.1454e7 eV!

21. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.
reaction label 56: n[multiplicity:'2'] + He4 + Nb94 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy

WARNING: Extra zero-probability outgoing energies found at incident energy 1.65e7 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.7e7 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.8e7 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.9e7 eV
 ... plus 2 more instances of this message

22. Calculated and tabulated Q values disagree.
reaction label 57: n[multiplicity:'2'] + H1 + Mo97 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -15189814.89715576 eV vs -1.5142e7 eV!

23. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.
reaction label 57: n[multiplicity:'2'] + H1 + Mo97 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy

WARNING: Extra zero-probability outgoing energies found at incident energy 1.6e7 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.65e7 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.7e7 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.8e7 eV
 ... plus 3 more instances of this message

24. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.
reaction label 57: n[multiplicity:'2'] + H1 + Mo97 + gamma / Product: H1 / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy

WARNING: Extra zero-probability outgoing energies found at incident energy 1.6e7 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.7e7 eV

25. Cross section domain does not match domain of linked reaction cross section sum
crossSectionSum label 1: (z,n) (Error # 0): summedCrossSectionDomainMismatch

WARNING: Cross section domain does not match domain of linked reaction cross section sum

26. Cross section domain does not match domain of linked reaction cross section sum
crossSectionSum label 2: (z,p) (Error # 0): summedCrossSectionDomainMismatch

WARNING: Cross section domain does not match domain of linked reaction cross section sum

• njoy2012 Warnings:

1. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (0): HEATR/hinit (4)

---message from hinit---mf6, mt102 does not give recoil za= 43100
 photon momentum recoil used.

2. Coefficient mismatch of some sort

covr...process covariance data (1): COVR/matshd (2)

```
---message from matshd---processing of mat/mt 4325/ 2 vs. mat1/mt1 4325/ 2  
largest coefficient= 1.00000E+00 at index 468 476
```

3. The number of coefficients was too large in a covariance

covr...process covariance data (2): Cov:Too many coeff.

```
---message from matshd---3706 coefficients > 1  
reset and continue.
```